BUBBLE SPA

B100 RIVIERA

B110 BLUE SEA / SILVER CLOUD

B130 CAMARO

B140 ELEGANCE

B150 SUPER CAMARO

DO NOT RETURN MERCHANDISE DIRECTLY TO STORE. PLEASE CALL OUR AFTER SALES SERVICE CENTER FOR HELP OR EMAIL US AT info@the-mspa.com

www.the-mspa.com

SAFETY INSTRUCTIONS
WARNING

When installing and using this electrical equipment, basic safety precaution should always be followed.

IMPORTANT SAFETY INSTRUCTIONS
READ AND FOLLOW ALL INSTRUCTIONS.

WARNING: Risk of electric shock. Insert the plug only to a properly grounded socket.

WARNING: This product is provided with a ground-fault circuit-interrupter. The GFCI must be tested before each use. With the product operating, open the service door. When the product stops operating, this indicates that the door is equipped with an electrical interlock. Next, push the test button on the GFCI and close the service door. The product should not operate. Now open the service door,push the reset button on the GFCI and close the service door. The product should now operate normally. When the product fails to operate in this manner, there is a ground current flowing indicating the possible risk of an electric shock. Disconnect the power until the fault has been identified and corrected.

WARNING: To reduce the risk of electric shock, do not use extension cord to connect unit to electric supply; provide a properly located receptacle.

WARNING: No part of the appliance is to be located above the spa during use.

WARNING: Parts containing live parts, except parts supplied with safety extra-low voltage not exceeding 12V, must be inaccessible to a person in spa pool. Earthed appliance must be connected to the fixed receptacle which is permanently connected to fixed wiring. Parts incorporating electrical components, except remote control devices, must be located or fixed so that they cannot fall into the spa pool.

WARNING: The plug of spa should be more than 3.5m away from the pool.

DANGER: Risk of Injury. The suction fittings in this spa are sized to match the specific water flow created by the pump. Should the need arise to replace the suction fittings or the pump, be sure that the flow rates are compatible.

WARNING: Never operate spa if the suction fittings are broken or missing. Never replace a suction fitting with one rated less than the flow rate marked on the original suction fitting.

WARNING: Spray head must not be used to fill tub.

WARNING: The outlet of spa must not be connected to any tap or fitting other than those specified.

WARNING: Electric installations should fulfill the requirements of local standards.

WARNING: TO AVOID THE ELECTRIC SHOCK, DO NOT USE THE SPA WHEN IT IS RAINING OR THUNDERING AND LIGHTENING.

WARNING: To reduce the risk of injury, do not permit children to use this product unless they are closely supervised at all times.

WARNING: Water attracts children. Always have the spa locked after each use.

WARNING: Pets should be kept away from spa to avoid damage and/or accidental drowning.

WARNING: Modifications are not approved by the party responsible for compliance. It could void user's authority to operate the equipment.

WARNING: Do not switch on if there is any possibility that the water in the spa is frozen.

WARNING: Use only approved accessories. The use of non-approved accessories could void the warranty.

WARNING: RISK OF ACCIDENTAL DROWNING. Extreme caution must be exercised to prevent unauthorized access by children. To avoid accidents, ensure that children can not use the spa unless they are supervised by an adult.

WARNING: RISK OF ELECTRIC SHOCK. Install at least 5 feet (1.5 m) from all metal surfaces. As an alternative, the spa may be installed within 5 feet of metal surfaces, if each metal surface is permanently connected by a minimum 8 AWG (8.4 mm2) solid copper conductor to the wire connector on the terminal box that is provided for this purpose.

WARNING: RISK OF ELECTRIC SHOCK. Never operate any electric
appliance when in your spa or when your body is wet. Never place any electric
appliance, such as a light, telephone, radio, or television, within 5 feet (1.5 m) of a spa.

WARNING: During pregnancy, soaking in hot water may cause damage to the fetus. Limit use to 10 minutes at a time.

WARNING: TO REDUCE THE RISK OF INJURY:

A. If the supply cord is damaged, it must be replaced immediately by the manufacturer, its service agent or similarly qualified person in order to avoid a hazard.

B. Do not bury cord. Locate cord to minimize abuse from lawn mowers, hedge trimmers, and other equipment.

C. Connect to grounded. Grounding type receptacle only.

D. The water temperature in a spa should never exceed 40°C (104°F). Water temperature between 38°C (100°F) and 40°C (104°F) are considered safe for a healthy adult. Lower water temperatures are recommended for young children and when spa use exceeds 10 minutes.

E. Since excessive water temperatures increase the potential for causing fetal damage during the early months of pregnancy, pregnant or possibly pregnant women should lower the spa water temperature to 38 °C (100°F).

F. Before entering a spa, the user should test the water temperature with an accurate thermometer.

G. The use of alcohol, drugs or medication before or during spa use, may lead to unconsciousness and increase the danger of drowning.

H. Obese persons and persons with a history of heart disease, low or high blood pressure, circulatory system problems, or diabetes should consult a physician before using the spa.

I. Persons using medication should consult a physician before using a spa since some medication may cause drowsiness, while other medication may affect heart rate, blood pressure, and circulation.

WARNING: TO REDUCE THE RISK OF INJURY: Never pour water higher than 40°C (104°F) into the spa pool directly.

WARNING: The use of alcohol, drugs, or medication can greatly increase the risk of fatal hyperthermia.

Hyperthermia occurs when the internal temperature of the body reaches a level several degrees above the normal body temperature of 37°C (98.6°F). The symptoms of hyperthermia include an increase in the internal temperature of the body, dizziness, lethargy, drowsiness, and fainting. The effects of hyperthermia include failure to perceive heat, failure to recognize the need to exit spa, unawareness of impending haz-ard, fetal damage in pregnant women, physical inability to exit the spa, and unconsciousness resulting in the danger of drowning.

WARNING: People with infectious diseases should not use spa.

WARNING: To avoid injury exercise care when entering or exiting the spa.

WARNING: Do not use spa immediately following strenuous exercise.

WARNING: Prolonged immersion in

CAUTION: Maintain water chemistry in accordance with manufacturer's instruction. Consult your physician for recommendations.

CAUTION: The spa should not be setup or left out in temperature lower than 4°C (40°F)if the heater is not activated.

CAUTION: Do not use the spa alone.

CAUTION: Always enter and exit the spa slowly and cautiously. Wet surfaces are slippery when wet.

CAUTION: To avoid damage to the pump, the spa must never be operated unless the spa is filled to the water line marked on the inside of the spa.

CAUTION: Immediately leave spa if uncomfortable or sleepy.

CAUTION: Never add water to chemicals. Always add chemicals to water to avoid strong fumes or violent reactions that may result in hazardous chemical spray.

CAUTION: Place only on a surface that can withstand the floor loading requirement of your spa.

NOTE: Please examine equipment before use. Notify after service center listed on this manual for any damaged or missing parts at the time of purchase. Verify that the equipment components match the model that you purchased.

WARNING: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

-- Reorient or relocate the receiving antenna.

-- Increase the separation between the equipment and receiver.

-- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

-- Consult the dealer or an experienced radio/TV technician for help.

If shielded cables or special accessories are required for compliance, a statement must be included which instructs the user to employ them, for example, Shielded cables must be used with this unit to ensure compliance with the Class FCC limits.

SPECIFICATIONS

Style No.	Bubble SPA				
	B-100A Riviera	B-110A Blue Sea B-110B Silver Cloud	B-130 Camaro	B-150 Super Camaro	B-140A B-140B Elegance B-140C
Item No.	A081039 (B100)	A081010 A081039	A081008	A081008 (B150)	A081027 A081009 A081027
Seating capacity	2	4	4	4-6	4
Water capacity	800L/211gallon	800L/211gallon	800L/211gallon	1200L/320gallon	800L/211gallon
Outer Diameter	1.80m/	1.80m/71"	1.80m/71"	2.04m/80"	1.80m/71"
Inner Diameter	1.40m/	1.40m/55"	1.40m/55"	1.60m/63"	1.40m/55"
Height	0.70m/	0.70m/28"	0.70m/28"	0.70m/28"	0.70m/28"
Power rated	110~120V, 60Hz	110~120V, 60Hz	110~120V, 60Hz	110~120V, 60Hz	110~120V, 60Hz
Heater	900W/1.22HP	900W/1.22HP	900W/1.22HP	900W/1.22HP	900W/1.22HP
Bubble	900W/1.22HP	900W/1.22HP	900W/1.22HP	900W/1.22HP	900W/1.22HP
Power cable length	3.5m/11.5'	3.5m/11.5'	3.5m/11.5'	3.5m/11.5'	3.5m/11.5'
Filter	120V/55W 2300L/600gal/H	120V/55W 2300L/600gal/H	120V/55W 2300L/600gal/H	120V/55W 2300L/600gal/H	120V/55W 2300L/600gal/H
Top lid	polyester laminated PVC withfoil and inflatable bladder	polyester laminated PVC withfoil and inflatable bladder	Synthetic leather with foil and inflatable bladder	Synthetic leather with foil and inflatable bladder	Syntheic leather with foil and inflatable bladder
Cord-mounted	GFCI	GFCI	GFCI	GFCI	GFCI

Bubbling system has a 30-minute auto shut off for 10 minutes feature.

INSTALLATION INSTRUCTIONS

NOTE: Ensure to check all parts are present.

A: Synthetic leather with foil and zipper

B: Control panel

C: Spa pool

D: Temp barrier mat (Optional)

E: Digital lock

F: Inflation Hose

G: Filter cartridge

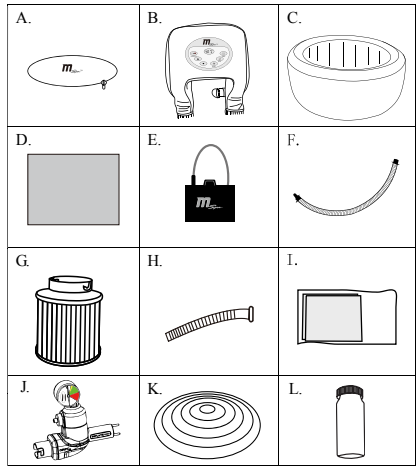
H: Drainage hose

I: Repair kit

J: Manometer

K: Inflatable bladder (Optional)

L: Test Strip



A. Site Requirements

WARNING: The floor has to be capable of supporting the expected load.

WARNING: An adequate drainage system has to be provided to deal with overflow water.

IMPORTANT: Because of the combined weight of the spa, water and users, it is extremely important that the base where the spa is installed is smooth, flat, level and capable of uniformly supporting the weight for the entire time the spa is installed. If the spa is placed on a surface which does not meet these requirements, any damage caused by improper support will void the warranty. It is the responsibility of the spa owner to ensure the integrity of the site at all times.

Be aware of special requirements if you install the spa indoors.

1. The floor must be able to withstand the capacity of the spa.
2. The floor should be a non-slip, level surface.
3. Proper drainage is essential for indoor spa installation.
4. When building a new room for the spa it is recommended that a floor drain be installed.
5. Humidity is naturally present with the spa installation, determine the effects of airborne moisture on exposed wood, paper, etc. in the proposed location.
6. To minimize these effects it is best to provide plenty of ventilation to the selected area. An architect can help determine if more ventilation is needed.

NOTE: Do not install the spa on carpet or other material that can be damaged by moisture.

B. GFCI Test

WARNING: RISK OF ELECTRIC SHOCK. The GFCI plug must be tested before each use.

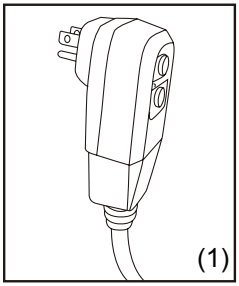
WARNING: Insert the GFCI plug into a residual current device (GFCI) protected power receptacle only.

WARNING: Before inserting the plug into a power receptacle, make sure the current rate of the power receptacle and the fixed wiring are suitable for the spa. Contact a qualified electrician, if you cannot distinguish.

1. Insert the plug into the power receptacle. (1)
2. The indicator light should turn red.
3. Then press the “TEST” button. The indicator light should disappear. (2)

WARNING: Do not use if above test fails.

4. Press the “RESET” button again, the indicator light should turn red. The spa is now ready for use. (3)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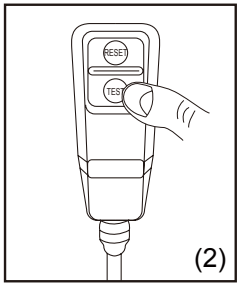

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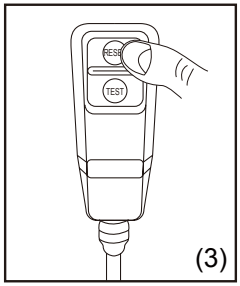


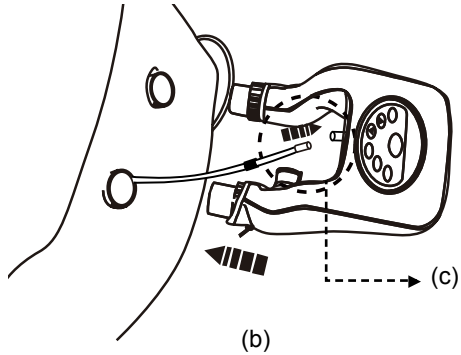
(3)

C. Assembly

a) Unfold the Spa pool from the packaging. Spread the Spa, cover and temp barrier mat. Make sure Spa and cover are right side up. Put temp barrier mat under Spa(optional).

Temp barrier mat(optional) is helpful to avoid heat loss from bottom and provide better heat preservation together with inflatable bladder(optional) being used.
It's only possible to setup and leave the spa at outside temperature less then 4°C(40°F) as long as the spa has a constant water temperature guaranteed more then 4°C(40°F). The spa can be used under low environment temperature down to maximum -10°C(14°F) if it is properly set up to make sure no frozen water inside control box, pipes and spa pool. It's helpful to put temp barrier mat between spa and ground, or similar mat which is made of foam material or some material with temp barrier function.

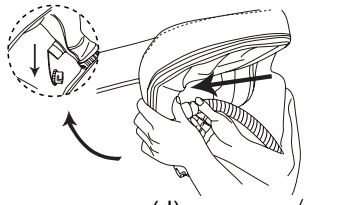
b) Screw the control panel onto the spa, fasten the ring to the pipe adaptor.
c) Connect the pin plugs. Make sure that plugs are properly matched together, then screw a cap, and then you'll see code shown on control panel, no bent or wet for the pin inside male connector which will cause failure connection.



(b)

For B-130, B-150 and B-140 only
Put the side leather cover on the spa tub.
Attention: make sure the 2 holes on the leather fit the right positions of spa tub.

d) Open the air valve under the control panel. Screw one end of inflation hose onto it.
e) Unscrew the top part of air valve on the Spa. Screw the other end of inflation hose onto Manometer, and then put into the air valve.
f) As previously outlined, test spa's GFCI plug. Then inflate the spa pool by pressing the "bubble" button.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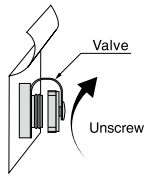

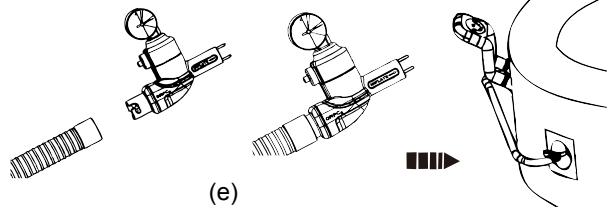
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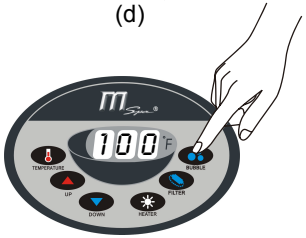
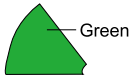


(f)

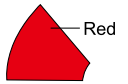
h) Please check and test the air pressure status inside the spa pool in the following way:

Please read the dial plate of manometer.

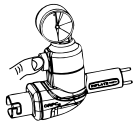
If it points to yellow sector, the spa is well inflated. You may fill in water now.
TO AVOID OVER INFLATION CAUSED BY WARM WEATHER OR SUNSHINE WHEN LEAVING MSPA FOR WEEKS INFLATED AND FILLED WITH WATER IN TEMPERATURE HIGHER THAN 20°C, PLEASE REDUCE THE AIR PRESSURE TO THE YELLOW SECTOR OF MANOMETER.



After filling in water, please check air pressure again and make sure the pin reads in green sector.
When needs to inflate more air during use, please make sure it reads in green sector in any term.



If it points to red sector, the spa is over inflated. Please unscrew the valve and release some air.
Recheck the air pressure and make sure it reads within the green sector.

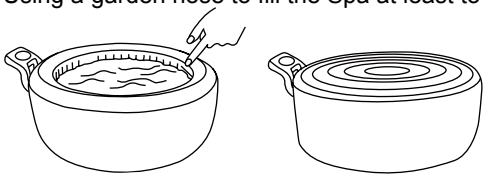


Please press the black button on the manometer, and air will be let out from the position where the button locates. Keep pressing the button till the pin points to the green area.

DO NOT OVER INFLATE. OVER INFLATION MAY CAUSE SPA POOL LEAKAGE AND VOID THE MANUFACTURER WARRANTY.

i) Press the “bubble” button again to stop inflating. Remove the inflation hose from the air valve on the spa pool. Screw the cover to the valve once the air pressure inside the pool is tested to be suitable.
j) Connect the inflation hose to the air valve of inflatable bladder(optional) and then press the “bubble” button on the control panel to inflate it. When it’s going to be full without wrinkles on surface, please press the “bubble” button again to shut off and stop inflating.

k) Fill the Spa
Using a garden hose to fill the Spa at least to the water level printed on the Spa wall.



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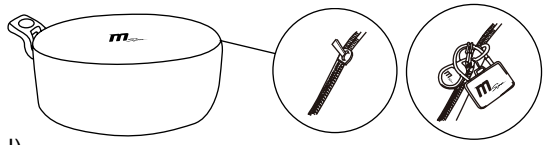


l)

WARNING: make sure the power pack is not plugged in before filling water into the SPA.

1. PLEASE AVOID WATER SPILLAGE WHICH WILL CAUSE DAMAGE TO THE ELECTRIC PARTS.

2. After filling in water, please check air pressure again and make sure the pin reads in green sector. When needs to inflate more air during use, please make sure it reads in green sector in any term.
3. Please reduce the air pressure to the yellow sector of manometer, to avoid over inflation due to warm weather or sunshine etc. after leaving Mspa for weeks inflated.

Warning: to avoid function failure and damage to the control system, please do not operate until spa is filled with water to the low water mark.

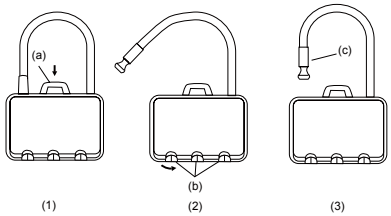
l) Place the zipper cover onto the spa and then put the inflatable bladder onto the spa pool, Fasten the zipper and lock the cover to the spa by using the digital lock in the accessory pack.

Note:

Please remember to test and adjust the air pressure inside of spa pool before each time of use.

Please cover zipper with wax once a week so as to make it smooth for operation and avoid split.

How to change the combination of digital lock:



Original combination is set as 000

1) Push release button(a) in the direction of the arrow shown and the lock will be released.
2) Set your desired combination by move the number wheel(b). Please do not forget your new combination.
3) Insert back the steel cable(c) to its end in the direction of the arrow. The new combination is ready for use.

WARNING: Do not move the number wheels while the digital lock is open. Or you will change the combination you just set. This will unable the digital lock. WARNING: The cover is not a substitute for adult supervision; Children must be supervised at all times around the Spa.

WARNING: Water attracts children; Always attach a spa cover and lock it after each use.

POWER PACK OPERATION

Warning: to avoid function failure and damage, please do not operate until spa is filled with water to the low water mark.

It is the responsibility of the spa owner to make sure the above installation conditions are met as well as to follow the Safety and Warning Instructions. Any failure and damage, which may result from dry-run, water spillage, excessive humidity, or structural loading will void the warranty.

Control panel:

1. “BUBBLE” Button: To activate Bubbling system, which has a 30-minute auto shut off for 10 minutes feature. The light of bubble Button displays green when being activated.
   Bubbling system could only be re-activated 10 minutes later when it is stopped by hand after 15 minutes working.
2. “FILTER” Button: To activate Filtration system.
   The light of “FILTER” button displays green when the filtration system is activated.
3. “HEATER” Button: To activate Heating and Filtration system at the same time.
   (Filtration system cannot be turned off when heating)
4. “TEMPERATURE” Button: To set and display water temperature
5. “UP” Button: Increase temperature
6. “DOWN” Button: Lower temperatrure

LED Display: Once powered-up, the LED displays the current water temperature automatically.
NOTE: The setting temperature defaults to 38°C (100°F) when first plugged in.
NOTE: Temperature adjustment ranges from 20°C (68°F) to 40°C (104°F).
Set your desired temperature by pressing “TEMPERATURE” Button.
Note: In case when leaving spa under unattended working condition, you can press up “▲” &. down “▼” buttons at the same time to lock the conttrol panel to avoid any misoperation by children. To press both buttons at the same time again and after hearing sound of “DI”, it will be unlocked.

The light of the “HEATER” button displays red when the heating system is activated.
Note: It’s normal that filtration system cannot be turned off individually when heating system is working. And filtration system can only be turned off by pressing “HEATER” button but not “FILTER” button

The heater does not stop heating the Spa until the current water temperature reaches the setting temperature. Then the “FILTER” button will be off and the light of “HEATER” button displays green. After the current water temperature drops 2°C(4°F) below the set point temperature, the heating system will restart and light turns into red. The “FILTER” button will be activated automatically at the same time. The heat increase rate is maximumly 1.2 to 1.7°C(1-3°F) per hour.

Please note that the following conditions will lead to slow and even heating without heating phenomenon:
1. Environmental temperature lower than 10°C(50°F)
2. Outdoor wind force above Gentle breeze/F 3
3. Environmental temperature lower than 10°C(50°F) and wind power above Gentle breeze/F 3
4. Activate bubbling system when heating
5. Spa lid is not covered or improperly covered when heating

So you are recommended to fill spa with warm water for quick heating and energy saving.
For B-150, when heating, please always remember to use inflatable bladder & heat mat, for quicker and better heating performance.

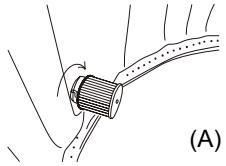
Function Failure Alarm on control panel

When power pack doesn’t work properly, there will be corresponding error code displayed on control panel in time:
Please check details from troubleshooting page.

HEATER FAILURE
FILTER FAILURE
BUBBLE FAILURE

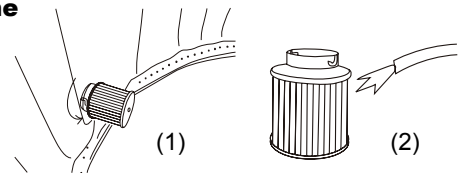
Maintaining Spa Water

Poor water quality can be extremely hazardous to your health.
We recommend you do following things:
A: Please use filter cartridge.
Screw the filter onto the water inlet on the spa wall by turning it clockwise.
Note: Do not use filter cartridge when only to heat water and to ensure good heating performance. To avoid that the filter cartridge get damaged, you take it off when there are children in the pool or more than two persons. After finish bathing replace the filter cartridge.


(A)

B: Clean your filter cartridge at least once a time after it worked continuously for 72~120 hours. The filter cartridge should be replaced at least once a month depending on use.

Please make sure to unplug the power pack from the electrical receptacle before the following actions.
1. Unscrew the filter cartridge by turning it counterclockwise.
2. The Filter Cartridge can be rinsed off with a garden hose and reused. However, if the Filter Cartridge remains soiled and discolored the Filter Cartridge should be replaced .


(1) (2)

The MSpa filter cartridge has a lifetime of approx. 6 weeks even if you take if off, clean and rinse it through fresh water (no hot water). If the “paper walls” in your filter still look at new, it can be used a few weeks more. It is able to maintain the best water quality that you should have some more filters available so you can change to a clean filter once a week while the other is being cleaned. Let the cleaned filter to be totally dry before using it again.If your water quality contains earth particles or iron particles you would have to change your filter more often or buy some extra.

C: Change water every few days or use appropriate pool chemicals. All spas require the use of pool chemicals. Please consult your local pool supply retailer for more information about chemical maintenance. Pay close attention to the chemical manufacturer’s instructions. Spa damage resulting from misuse of chemicals and mismanagement of spa water is not covered by the warranty.
a. Water Balance: we recommend maintain your water pH between 7.2 and 7.8, total alkalinity between 80 and 120ppm and free chlorine between 3 to 5ppm. Use test strip to test your water chemistry before each use of the spa, no less than once per week. Low pH will damage to the spa and pump.
Damaged resulting from chemical imbalance is not covered by the warranty.
b. Water Sanitation: Water Sanitation is the responsibility of the spa owner, achieved through the regular and periodic (daily, if necessary) addition of an approved sanitizer. The sanitizer will chemically control the bacteria and viruses present in the fill water or introduced during use of the spa.

Note:
1. You must not use chemicals you have in your house or any leftovers from an outdoor inflated pool or a swimming pool.
2. Do not use chlorine tablets but use chlorine powder and dissolve first in a bottle.
3. Do not mix the water with bath oil or something like that, otherwise the pool can be damaged.
4. Do only use clean freshwater and not salt water that will damage the pump.

Cleaning the spa

Detergent residues and dissolved solids from bathing suits and chemicals will gradually accumulate in the Spa’s water. If there is a lot of dirt in the water, try and get it out or change water and clean the pool. Use a mild soap and water solution to wash the vinyl then rinse with freshwater and drain this out before you fill up your MSpa with new fresh water.
NOTE: Do not use hard brushes or abrasive cleaners.

Special Notice on Water Treatment

Please read about water quality and filter in user manual. Always shower before you enter your MSpa!

Please use test strip to test your water chemistry before each use of the spa, no less than once per week. The pH level must be between 7.2 and 7.8, total alkalinity between 80 and 120ppm and free chlorine between 3 to 5ppm. Too low of a pH level will result in excessive wrinkles and damage to the spa pool as well as corrosion in the motor unit. Too high of a pH level(hard water) will result in scale incrustation, e.g. sheets of white coagulations inside the filter pump, which will lead to block and non-working of the filter pump.

If you have any questions regarding chemicals, please contact local spa and pool water treatment specialist stores.

It is the responsibility of the owner to properly maintain the chemical balance and sanitation of the water. Mspa is not responsible for any damages that result from improperly mantained water. Improper water maintenance may result in voiding the warranty.

Drainage

1. Turn off all the buttons on the control panel.
2. Unscrew the valve on outside of the spa pool till it is detached from the drainage structure.
3. Connect the black drainage hose on to the drainage structure.
Make sure it is well connected and the other end of the drainage hose is connected to a ground drain.
4. Pull and open the cover of the drainage structure inside of the spa pool, water will flow out from the drainage hose.
5. Tilt the spa until no water flow out to empty the spa completely.

If you are going away for some weeks and nobody can follow up the water treatment program in your MSpa, please drain out the water before leaving and take out some air pressure.

Spa Pool Repair

If the Spa is torn or punctured use the provided Repair Patch. Dry the area to be repaired. apply the glue for PVC to PVC to the repair patch and then attach it onto the damaged area. Smooth the surface to remove any air bubbles. A secure unnoticeable repair can usually be made.

Spa Storage

After the spa is drained, unscrew the complete part of the air valve on the spa pool and the spa will be deflated.
Make sure all water is drained from the Spa and control box. This is essential to extend the life of the spa. We recommend the use of a wet/dry vacuum to blow out or suck up water from the Spa pipes and Pump lines. Remove the Filter Cartridge. It is recommended you store the spa in its original package in a warm dry place.
NOTE: Make sure all components are completely dry and clean before re-packing.
Store safely in dry condition and out of sunlight.
Plastic becomes brittle and susceptible to breakage when exposed to subzero temperatures.
Freezing can severely damage the Spa. Improper winterization of your Spa may void your warranty.

DISPOSAL

1.The marking indicates that this product shall not be disposed with the general household waste. Please contact your local community about collection points or ask your dealer.
2.This product contains valuable materials that can be recycled and contribute to a sustainable enviroment.
3.For recovery, recycling and dismantling information for this product, please visit us at
www. the-mspa. com

TROUBLESHOOTING

Mspa® strives to provide the most trouble-free spas on the market. If you experience any problem whatsoever, do not hesitate to contact us or our afer sales service center.
Here are some helpful tips to help you to diagnose and rectify some common sources of trouble.

*For any spare parts you need for replacement by yourself as mentioned in the list, please refer to the warranty policy in detail.
*For any other unknown failures out of the list, please contact your country MSpa service center.

Problems	Probable Causes	Solutions
Control panel/display panel attends black without any power at all	Power failure, GFCI plug isn't turned on.	Check that your GFCI plug is ok, you must be able to see the indicator light is in red. Sometimes it can be a little bit tricky, so please then try to push the RESET button several times rather quick, to see if this helps.
	Pin plug connection failure	Control the pin plug connection between the control box and the control panel. Please also check the ends of the plug if there is some failure of one of the pins etc..
	If it still doesn't work, please contact your country MSpa service center to get a new control panel and replace.	
The GFCI plug does not work	Power supply	Please check that the power supply is ok.
	GFCI plug failure	Is there any red indication in the GFCI plug when you push the RESET button? Have the plug being wet or any severe humidty? Please dry your GFCI plug.
	If it still doesn't work please contact your country MSpa service center to get a new one and replace.	
The water does not get warm or water is too hot!	Power failure	First find out that your MSpa is connected to a 16A power supply. If you have to use one extension cord/connecter cable, please be sure this is for 16A purpose and for outdoor use. The cable must have minimum the same thickness as the cable from the GFCI plug into the MSpa pump.
	GFCI failure	Please check that your GFCI plug is not wet. To avoid wet conditions, please wrap it into some plastic to avoid humidity and component failure.
	Pin plug connection failure	Control the pin plug that all thin pin plugs are standing correctly.
	Water level too low and filter cartridge dirty	Please check water level that it must reach the water line to make sure filter pump work efficiency. Please control the filter cartridge and water quality. If the filter cartridge is dirty or old the result can be that the filter pump doesn't get enough water thru the filter to operate as it is made for. Please cut the power supply to your MSpa, remove the filter cartridge and then restart without the filter.
The spa pool has got a strange shape	Extra air pressure by strong sunshine	Please check the air pressure. The bath tub can get a unormal shape if the pressure is too high due to strong hot sunshine. Normally this happens only if the air pressure have been to high due to direct sunshine. Smart investment is to buy a spa cover at your MSpa dealer or their webshop. This will protect your pool from UV and pollution.
The spa pool looses air pressure	Air valve looses	Please drain out all the water from your pool if necessary and possible. Try and use some Vaseline or similar to grease the rubber gaskets in the air valve and in the part to open to fit the black tube into the panel. Fill up the inflatated tub with air.
	Hole or split on spa pool	Use a spray bottle with a mild detergent to be able to see the air leak when it's coming some small soap bubbles. Try to find the air leak on both sides of the inflated tub part and pvc glue. hole or split within size of 10cm and not in welding seam part can be repaired by material swatches provided in repair kit.
Spa leakage	Inlet and outlet loose	If there are water leakage like tear drops, it's ok for use, and you only need to screw them tight.
	Drainage valve	Please check the o-ring and replace if necessary, and make screws tight if they loose.
Error code "HEF" in the display	Pin plug connection failure	Check the thin metal pins in the pin plug if they are ok.
	Water level too low	Please check water level that it must reach the water line to make sure filter pump work efficiency.
	Filter pump does not work	**Please contact your country MSpa service center to get a new filter pump and replace.**
Error code "BBF" in the display	Pin plug connection failure	Check the thin metal pins in the pin plug if they are ok. Please also check that no garden leafs or something else cover the air filter underneath the built in pump standing on four legs.
	Air pump failure	Please contact your country MSpa service center.
Error code "FEF" in the display	Pin plug connection failure	Check the thin metal pins in the pin plug if they are ok.
	Filter cartridge dirty, water inlet blocked	Clean/replace the filter cartridge in time
	Water level too low	Please check water level that it must reach the water line to make sure filter pump work efficiency.
	Filter pump does not work	Please cut the power supply to your MSpa, remove the filter cartridge and then restart without the filter. **If still not work, please contact your country MSpa service center to get a new filter pump and replace.**
Error code "SPL" & "SPH" in the display	Pin plug connection failure	Please check there is no humidity inside the pin plug connection. Control the pin plug that all 12 thin pin plugs are standing correctly.
	SPL, temperature lower than 32 °F	Please check if there is any water frozen inside the spa and control box, use warm water to melt and get water temperature higher than 32°F
	SPH, abnormal high temperature	Do not use the spa. Please contact your country MSpa service center.

DISPOSAL

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2.This product contains valuable materials that can be recycled and contribute to a sustainable enviroment.

3.For recovery, recycling and dismantling information for this product, please visit us at www. the-mspa. com

LIMITED WARRANTY - TERMS & CONDITIONS

This warranty extends to the original purchaser only. The warranty period commences on the original purchase date through 6-12 months according to the different parts. This warranty is not transferable to subsequent purchasers. This warranty is subject to the obligations, limitations, and exclusions listed below.

Extent of warranty
6 months warranty on spa pool and 12 months for electric parts.

Obligations of Purchaser
The purchaser must establish, by dated sales slip, invoice, or installation receipt, the date of original purchase. In order to supply the customer with the most up to date service we respectfully request the purchaser to register their purchase by completing the attached Warranty Registration Card and mail it to the manufacturer within 15 days of date of receiving the purchase, Transportation costs incurred to and from the manufacturer or authorized service center is the responsibility of the purchaser. This includes freight charges for parts shipped to your dealer or service center. All costs for the removal or reinstallation of parts are the responsibility of the purchaser. You may be subject to dealer service charges. Factory labor is defined as labor required to test and to perform repairs to components returned to factory at customer expense provided defective components are returned within specified warranty period.

Limitations and Exclusions
The warranty is a limited warranty. It covers the Spa itself for the period stated. This warranty negates or limits all other warranties implied or expressed, except for those, which cannot be negated or limited by law in which the product is used. The manufacturer does not authorize of permit any party, including its agents, distributors or dealers to assume for it any other obligations or liability. In no event will the manufacturer be liable for any claim for damages arising from the use or loss of use, installation, or repair of the Spa including, but not limited to freight damage, punctures, cuts in vinyl, water and/or sewage costs, freeze damage, or water damage to surrounding areas, rooms, furnishings or landscaping. The purchaser is responsible for providing adequate access to all areas surrounding the Spa so that service may be properly performed. Product specifications are subject to change without notice.

Acts Invalidating Warranty
This warranty is void if the Spa pool has been altered, misused, abused or has been repaired by an unauthorized person, or is not installed according to the factory instructions. Other acts that will void the warranty are operating the Spa without water or improper water level, use of an extension cord, improper chemical maintenance, burying the Spa below ground level, damage from ice or freezing, low voltage or excess voltage. This warranty gives you specific legal rights. Specifications are subject to be changed without notice.

Manufactured By:
ORIENTAL RECREATIONAL PRODUCTS (SHANGHAI) CO.,LTD.
1699 Daye Road, Wuqiao, Fengxian, Shanghai, China
www.the-mspa.com

USA

US Parts Center
PH: 888-521-6183
FX: 801-417-8027
Mail: 6848 S. Airport Road West Jordan, UT 84084
Email: MSPAwarranty@uspartscenter.com

Note: For the sake of your interest, please complete the card with detailed information. Failure to send in the card filled with the complete information is subject to non-acceptance of returned goods.

CUSTOMER SERVICES CARD Send card to address on next page

Owner's name _____

Address _____

Phone Number _____ Email Address _____

Item No. _____ S/N number (you can find it from your spa cover) _____

Store Name and Address _____ Price Paid _____

Store Receipt Number & Date _____

Defect Status Description (Choose all that apply):

☐ Pool cracking problems;
☐ Control box problems
☐ Others (Please describe in details)

_____

_____

Important

- For pool body problem, please attach pictures to show the details together with this card and the store receipt upon returning.
- For control box problem, please attach below with this card and the store receipt upon returning:

--Jet Spa: top lid of the filter pump
--Bubble Spa: the head of the connecting wire from your control panel.
Failure to do above may be subject to rejection.

Suggestions, improvements, or comments

_____

_____

_____